

NEWFIELD PRODUCTION COMPANY UTE TRIBAL 1-30-4-1E AT SURFACE: SE/NE SECTION 30, T4S, R1E UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS</u>:

 Uinta
 0' – 1950'

 Green River
 1950'

 Wasatch
 6630'

 Proposed TD
 6328'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS.</u>

Green River Formation (Oil) 1950' – 6630'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TIS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall the reported to the Vernal Office.

Detected water lows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Sodium (Na) (mg/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO₃) (mg/l)

Dissolved Sulfate (SO₄) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM

a. Casing Design: Ute Tribal 1-30-4-1E

Size	Interval		Maiaht	Grade	Coupling	Design Factors		
Size	Тор	Bottom	Weight	Grade	Coupling	Burst	Collapse	Tension
Surface casing	0'	300'	24.0	J-55	STC	2,950	1,370	244,000
8-5/8"	U	300	24.0	J-55	310	17.53	14.35	33.89
Prod casing	O.	0.0001	45.5	1.55	1.70	4,810	4,040	217,000
5-1/2"	0'	6,328	6,328' 15.5	J-55	LTC	2.39	2.01	2.21

Assumptions:

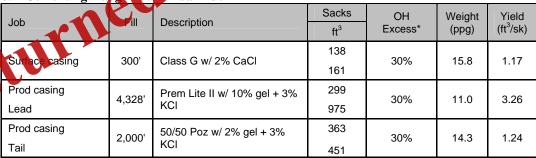
- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 si

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design Ute Tribal 1-30-4-1E



- *Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit** C for a diagram of BOP equipment that will be used on this well.

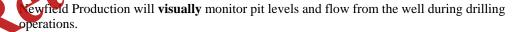
6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. In the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers

No chemicals subject to reporting under SARA Cine II on an amount equal to or greater than 10,000 pounds will be used, produced, store it transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355 ain threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.



7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

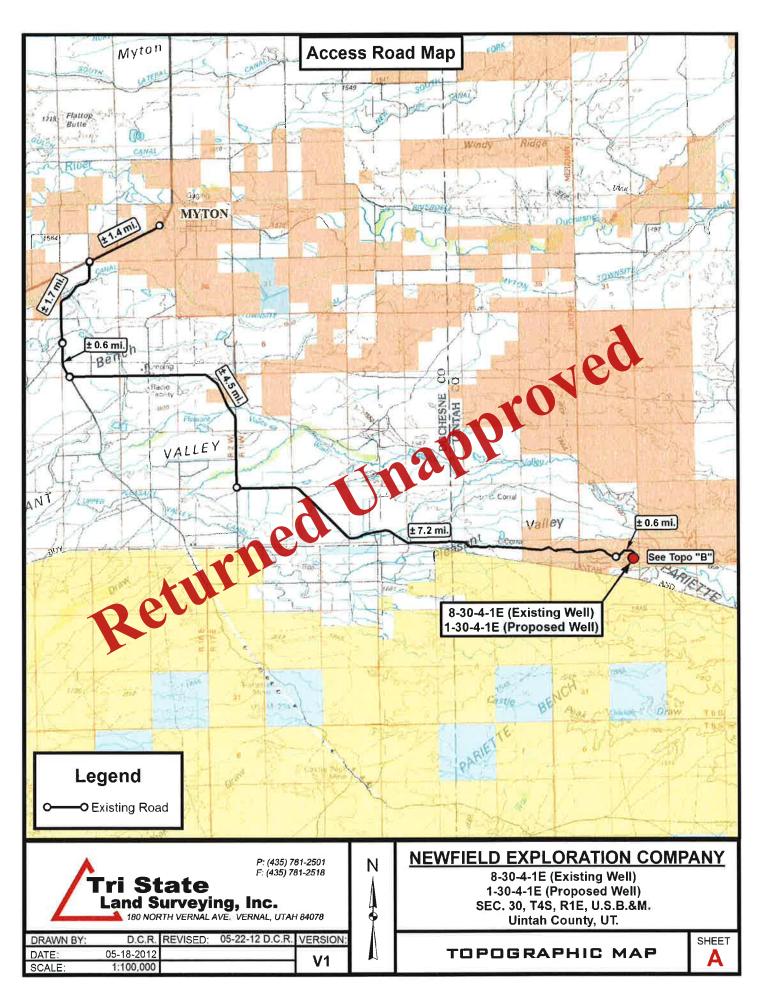
9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

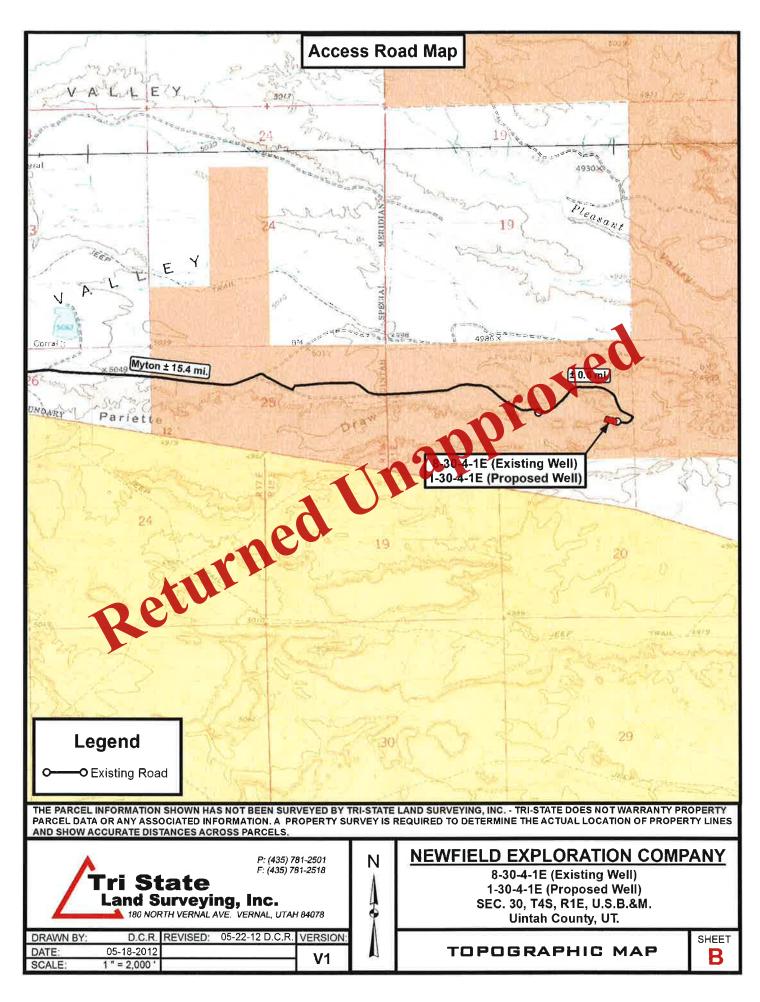
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

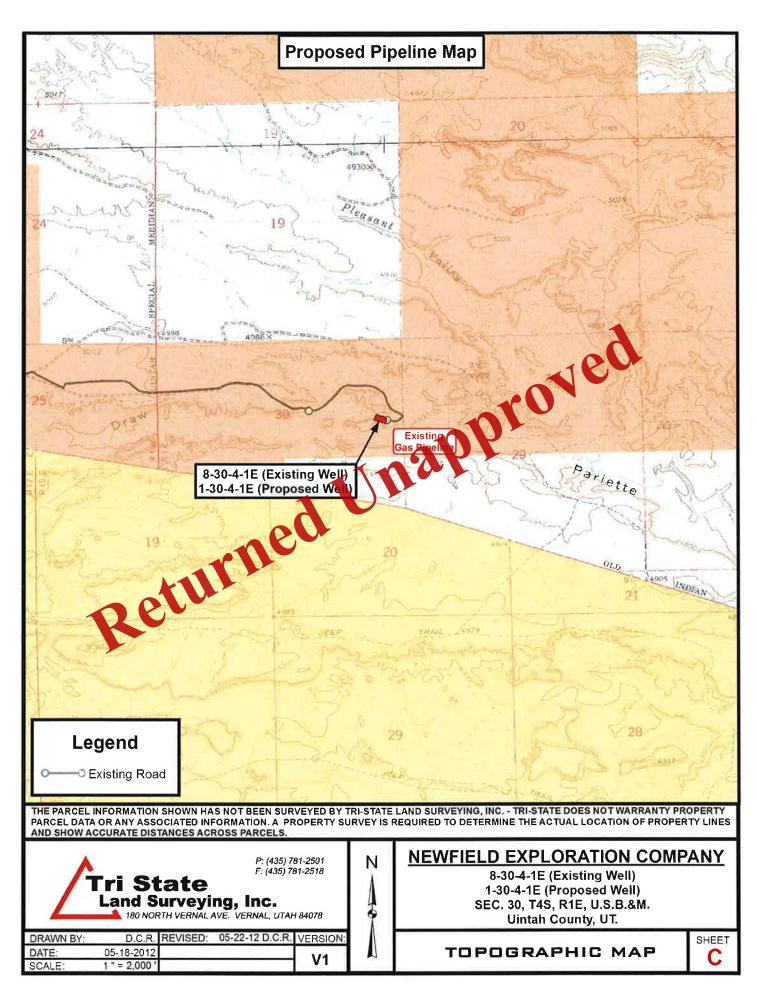
10. <u>ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:</u>

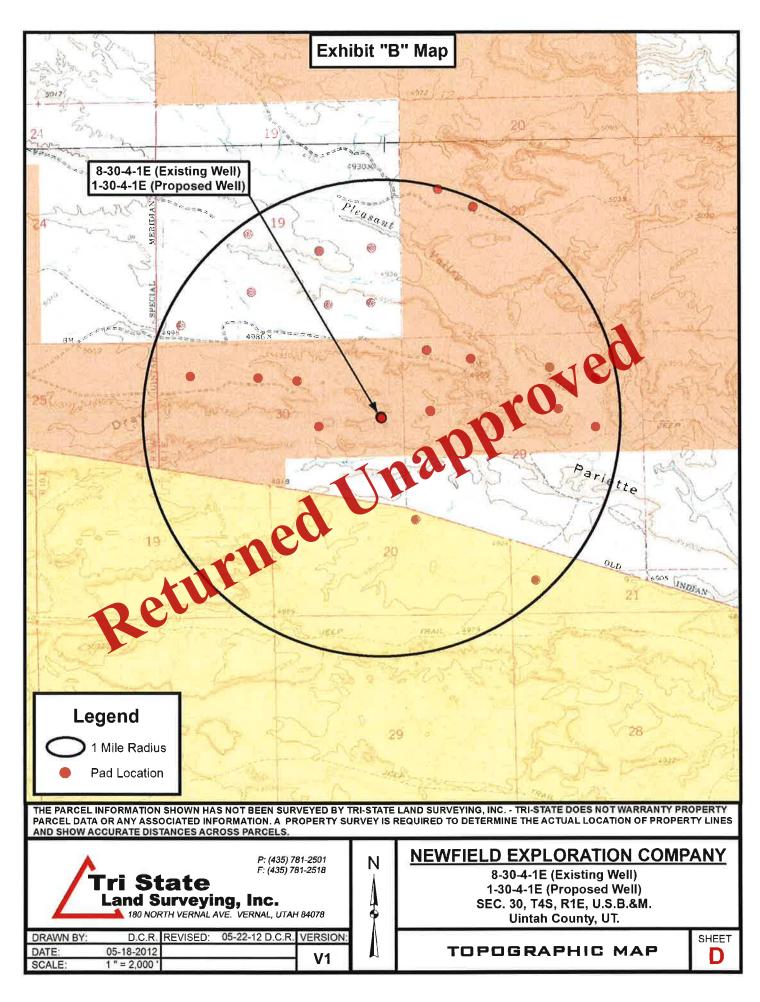
It is anticipated that the drilling operations will commence the fourth quarter of 2012, and take approximately seven (7) days from spud to rig release.

Returned Unapproved









NEWFIELD PRODUCTION COMPANY UTE TRIBAL 1-30-4-1E AT SURFACE: SE/NE SECTION 30, T4S, R1E UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 1-30-4-1E located in the SE 1/4 NE 1/4 Section 30, T4S, R1E, Uintah County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 3.7 miles to the junction of this road and an existing road to the east; proceed southeasterly approximately 4.5 miles to its junction with an existing road to the east; proceed approximately 7.2 miles to its junction with an existing road to the northeast; proceed in a easterly direction approximately 0.6 miles the existing 8-30-4-1E well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area mey are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

The is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 8-30-4-1E well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-10136

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond Water Right: 43-11787

Newfield Collector Well

pproved Water Right: 41-1817 (A30414DVA, contra uchesne County Conservancy

District).

There will be no water well d at this site.

CTION MATERIALS 6. SOURCE OF COA

material for this location shall be borrowed material accumulated during or of the location site and access road.

mineral material application is not required for this location.

METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at additimes
- d) Standard steel, wood or pipe posts shall be used between the corner brace. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be ferred and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANSFOR RESTORATION OF SURFACE:



Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Ute Tribe (Proposed location and access road leading to).

12. <u>OTHER ADDITIONAL INFORMATION</u>

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit # U-07-MQ-0401i 8/7/08, prepared by

Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, SWCA 7/24/08. See attached report cover pages, Exhibit "D".

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage commercial facilities.

Water Disposal

After first production, if the production water meets quality guidelines, it will be ransported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance:

Details of the On-Site Inspection

The proposed the Tribal 1-30-4-1E was re-onsited on 5/7/10. The following were present; Tim Eaton (New field Production), Audie Appawoo (Ute Tribe), Bucky Secakuku (Bureau of Indian Affairs), Cory Muter (Tri-State Land Surveying and Consulting), Brian O'hearn (RANA), Benjamin Burger (S.W.C.A), and Keith Montgomery (Montgomery Archaeological Consultants). Weather conditions were clear and ground cover was 100% open

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 1-30-4-1E, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 1-30-4-1E, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION: 13.

Representative

Name: Corie Miller

Address: Newfield Production Company

> Route 3, Box 3630 Myton, UT 84052

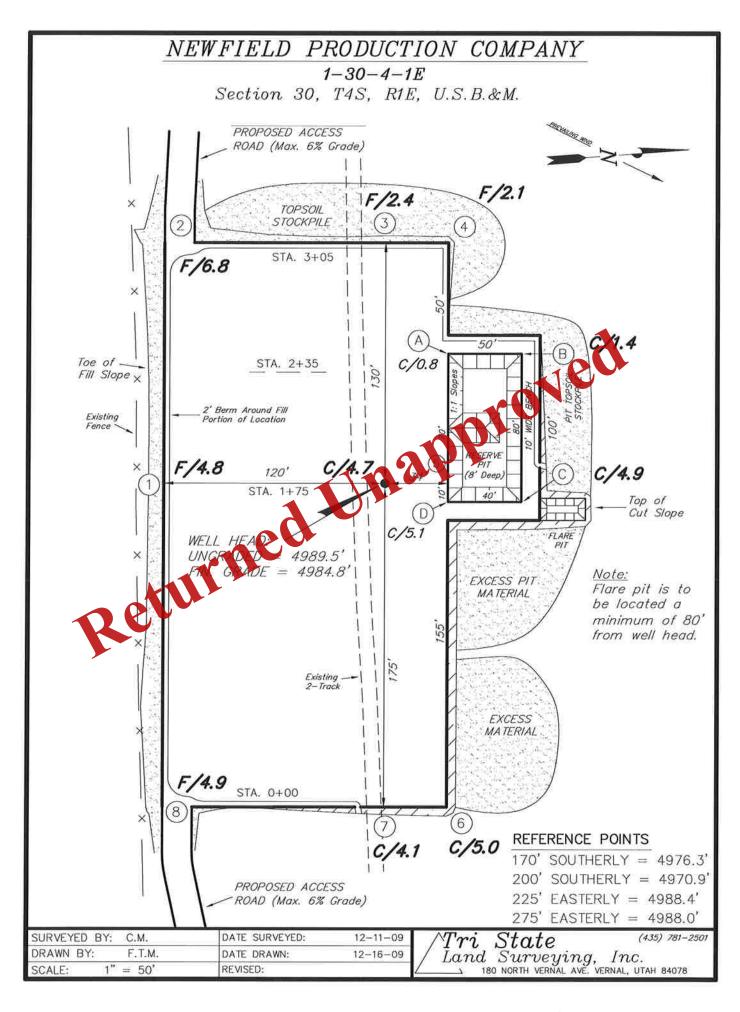
Telephone: (435) 646-3721

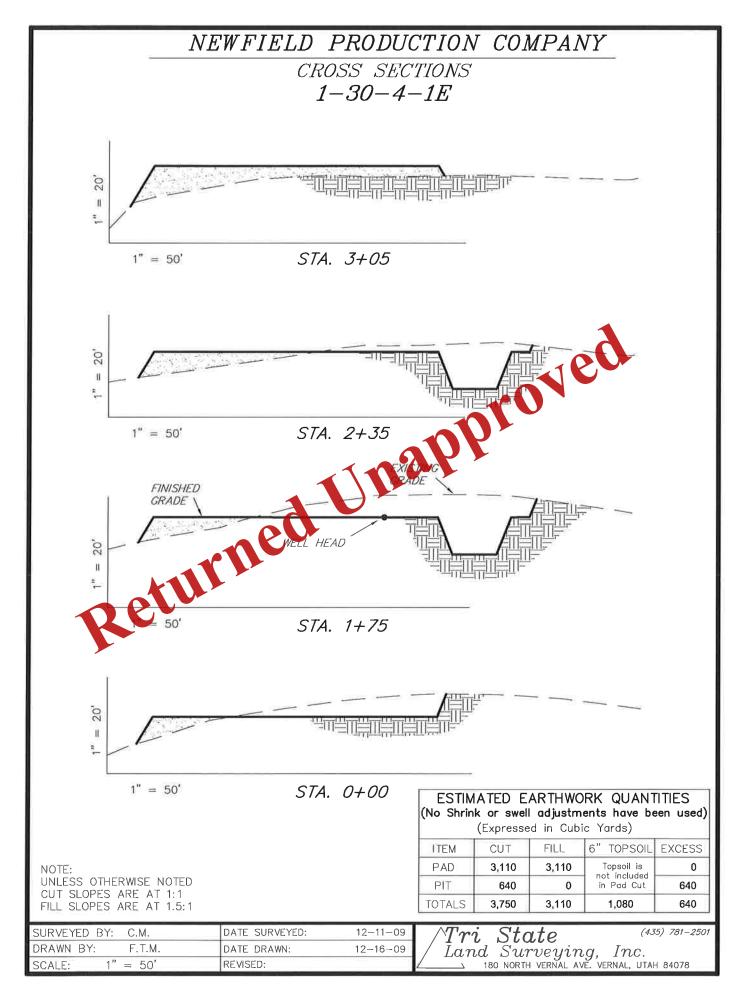
Certification

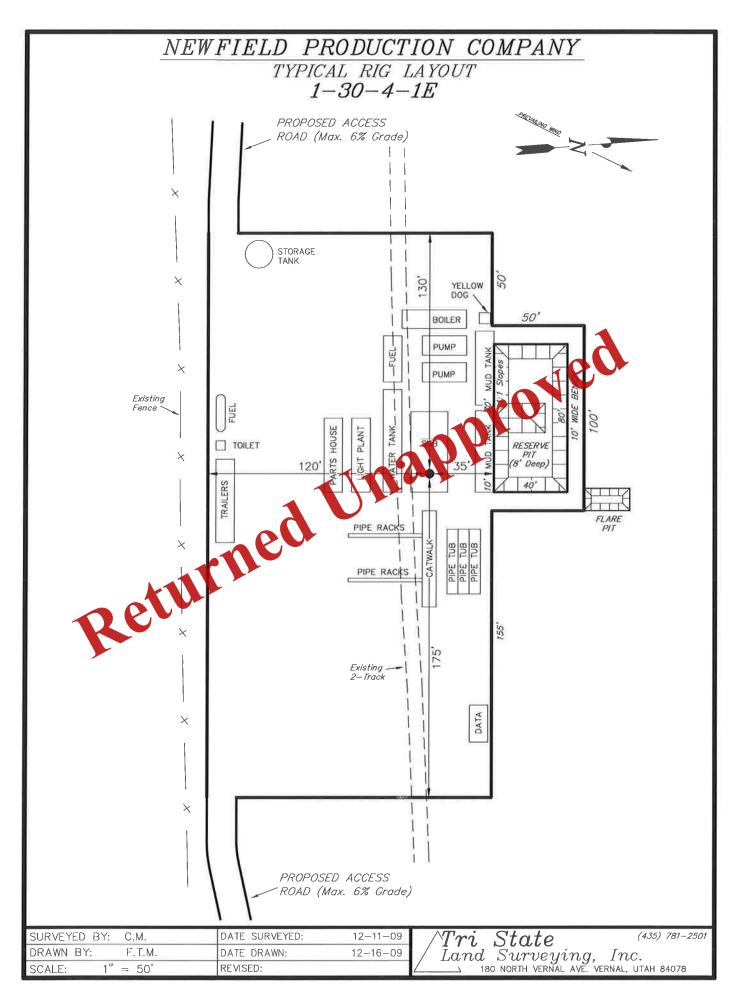
Please be advised that Newfield Production Company is considered to be the operator of well #1-30-4-1E, SE/NE Section 30, T4S, R1E, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiate with the conditions which currently exist; that the statements made in this plan are true and correct to the less of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield anity a to the pro Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001

Mandie Crozier Regulatory Analyst **Newfield Production Company**







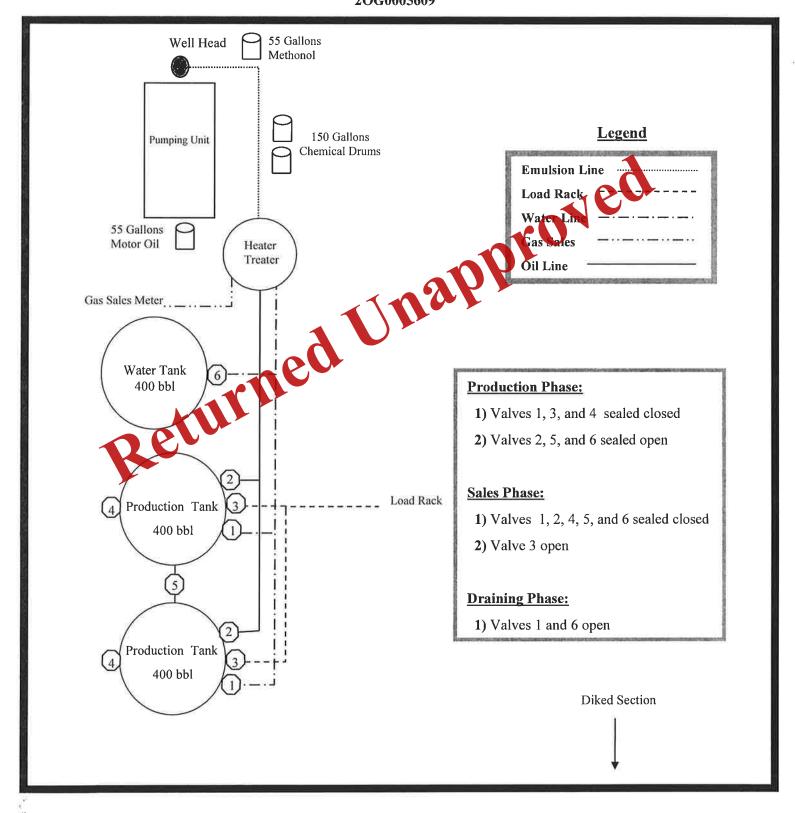
Newfield Production Company Proposed Site Facility Diagram

Ute Tribal 1-30-4-1E

NE/NE Sec. 30, T4S, R1E

Uintah County, Utah

20G0005609



1050

CLASS I REVIEW OF NEWFIELD EXPLORATION'S PROPOSED WELL LOCATIONS UTE TRIBAL #6-24-4-1, #3-29-4-1E, #4-29-4-1E, #1-30-4-1E, #2-30-4-1E, #8-1-5-1E, #5-6-5-2E AND #14-9-5-2E, **UINTAH COUNTY, UTAH**

By:

Jacki A. Montgomery

Prepared for:

Ute Indian Tribe **Uintah and Ouray Agency**

Prepared Under Contract With:

proved **Newfield Exploration Company** Rt. 3 Box 3630 Myton, Utah 8405

Montgomeny Archaeological Consultants, Inc. P.O. Box 219 Moab, Utah 84532

MOAC Report No. 09-081f

June 11, 2010

United States Department of Interior (FLPMA) Permit No. 10-UT-60122

Ute Tribal Permit No. A10-363

Paleontological Assessment Preliminary Report for Newfield Well 1-30-4-1 and Associated Infrastructure

Pariette Draw SW Quad

Duchesne County, Utah

Prepared for

Onapproved prati-Newfield Explora on 6 Ute Indian Tribe Exploration Company

Prepared by

SWCA Environmental Consultants

April 20th 2010



NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 30 T4S, R1E

Standard Planning Report
21 May, 2012

Received: January 04, 2011



Payzone Directional

Planning Report



EDM 2003.21 Single User Db Database: Company: **NEWFIELD EXPLORATION** Project: USGS Myton SW (UT) Site: SECTION 30 T4S, R1E

Well: 1-30-4-1E Wellbore: Wellbore #1 Design #1 Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well 1-30-4-1E

1-30-4-1E @ 4951.0ft (RIG KB) 1-30-4-1E @ 4951.0ft (RIG KB)

Minimum Curvature

USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA Project

US State Plane 1983 Map System: North American Datum 1983

Geo Datum:

Map Zone: **Utah Central Zone** System Datum:

Mean Sea Level

Site SECTION 30 T4S, R1E

Northing: 7,213,681.54 ft 40° 6' 45.680 N Site Position: Latitude: Easting: 2,082,707.30 ft 109° 55' 6.540 W From: Lat/Long Longitude: **Position Uncertainty:** 0.0 ft Slot Radius: Grid Convergence: 1.01

1-30-4-1E, SHL LAT: 40 06 29.60 LONG: -109 55 04.85 Well

Well Position +N/-S -1,624.5 ft Northing: 7,212,057.06 ft Latitude: +E/-W 160.0 ft 2,082,867.35 ft Longitude: Easting:

40° 6' 29.600 N 109° 55' 4.850 W

0.0 ft Wellhead Elevation: **Position Uncertainty** 4,951.0 ft 4,939.0 ft

Wellbore #1 Wellbore Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (nT) IGRF2010 12/2/2010 65.89 52,383

Design Design #1 **Audit Notes:** PROTOTYPE Version: Tie On Depth: 0.0 **Vertical Section:** +N/-S +E/-W Direction (ft) (ft) (°) 0.0 0.0 351.55

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
651.0	0.00	0.00	651.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,507.8	12.85	351.55	1,500.7	94.7	-14.1	1.50	1.50	0.00	351.55	
6,327.9	12.85	351.55	6,200.0	1,155.2	-171.6	0.00	0.00	0.00	0.00	1-30-4-1E TGT



Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 30 T4S, R1E

 Well:
 1-30-4-1E

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 1-30-4-1E

1-30-4-1E @ 4951.0ft (RIG KB) 1-30-4-1E @ 4951.0ft (RIG KB)

Grid

Minimum Curvature

Design:	Design #1								
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	9.00	0.00
651.0	0.00	0.00	651.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.73	351.55	700.0	0.3	0.0	0.3	1.50	.50	0.00
800.0	2.23	351.55	800.0	2.9	-0.4	2.9	1.50	1.50	0.00
								1.50	
900.0	3.73	351.55	899.8	8.0	-1.2	8.1	1.50	1.50	0.00
1,000.0	5.23 6.73	351.55	999.5 1,099.0	15.8	-2.3 -3.9	15.9 26.4	1.50 1.50	1.50 1.50	0.00 0.00
1,100.0 1,200.0	6.73 8.23	351.55 351.55	1,099.0	26.1 39.0	-3.9 -5.8		1.50	1.50 1.50	0.00
1,200.0	8.23 9.73	351.55 351.55	1,198.1	39.0 54.4	-5.8 -8.1	55.0	1.50	1.50	0.00
					-0.1				
1,400.0	11.23	351.55	1,395.2	72.4	10.8	73.2 95.7	1.50	1.50	0.00
1,507.8	12.85	351.55	1,500.7	94.7			1.50	1.50	0.00
1,600.0	12.85	351.55	1,590.5	114.9	17/7	116.2	0.00	0.00	0.00
1,700.0	12.85	351.55	1,688.0	136.9	-20.3	138.4	0.00	0.00	0.00
1,800.0	12.85	351.55	1,785,5	158.9	-23.6	160.7	0.00	0.00	0.00
1,900.0	12.85	351.55	1,883.0	180.9	-26.9	182.9	0.00	0.00	0.00
2,000.0	12.85	351.55	1,980.5	202.9	-30.1	205.2	0.00	0.00	0.00
2,100.0	12.85	351.55	2,078.0	224.9	-33.4	227.4	0.00	0.00	0.00
2,200.0	12.85	351.55	2,175.5	247.0	-36.7	249.7	0.00	0.00	0.00
2,300.0	12.85	351 .55	2,273.0	269.0	-40.0	271.9	0.00	0.00	0.00
2,400.0	12 85	351.55	2,370.5	291.0	-43.2	294.2	0.00	0.00	0.00
2,500.0	12.85	351.55	2,468.0	313.0	-46.5	316.4	0.00	0.00	0.00
2,600.0	12.85	351.55	2,565.5	335.0	-49.8	338.6	0.00	0.00	0.00
2,700.0	12.85	351.55	2,663.0	357.0	-53.0	360.9	0.00	0.00	0.00
2,800.0	12.85	351.55	2,760.5	379.0	-56.3	383.1	0.00	0.00	0.00
2,900.0	12.85	351.55	2,858.0	401.0	-59.6	405.4	0.00	0.00	0.00
3,000.0	12.85	351.55	2,955.4	423.0	-62.8	427.6	0.00	0.00	0.00
3,100.0	12.85	351.55	3,052.9	445.0	-66.1	449.9	0.00	0.00	0.00
3,200.0	12.85	351.55	3,150.4	467.0	-69.4	472.1	0.00	0.00	0.00
3,300.0	12.85	351.55	3,247.9	489.0	-72.6	494.3	0.00	0.00	0.00
3,400.0	12.85	351.55	3,345.4	511.0	-75.9	516.6	0.00	0.00	0.00
3,500.0	12.85	351.55	3,442.9	533.0	-79.2	538.8	0.00	0.00	0.00
3,600.0	12.85	351.55	3.540.4	555.0	-82.4	561.1	0.00	0.00	0.00
3,700.0	12.85	351.55	3,637.9	577.0	-85.7	583.3	0.00	0.00	0.00
3,800.0	12.85	351.55	3,735.4	599.0	-89.0	605.6	0.00	0.00	0.00
3,900.0	12.85	351.55	3,832.9	621.0	-92.3	627.8	0.00	0.00	0.00
3,900.0 4,000.0	12.85 12.85	351.55 351.55	3,832.9 3,930.4	621.0 643.0	-92.3 -95.5	627.8 650.1	0.00	0.00	0.00
4,000.0 4,100.0	12.85	351.55 351.55	3,930.4 4,027.9	643.0 665.0	-95.5 -98.8	672.3	0.00	0.00	0.00
4,200.0	12.85	351.55	4,125.4	687.0	-102.1	694.5	0.00	0.00	0.00
4,300.0	12.85	351.55	4,222.9	709.0	-105.3	716.8	0.00	0.00	0.00
4,400.0	12.85	351.55	4,320.4	731.0	-108.6	739.0	0.00	0.00	0.00
4,500.0	12.85	351.55	4,417.9	753.0	-111.9	761.3	0.00	0.00	0.00
4,600.0 4,700.0	12.85	351.55	4,515.4	775.0	-115.1	783.5	0.00	0.00	0.00
4,700.0 4,800.0	12.85 12.85	351.55 351.55	4,612.9 4,710.4	797.0 819.0	-118.4 -121.7	805.8 828.0	0.00 0.00	0.00 0.00	0.00 0.00
4,900.0	12.85	351.55	4,807.8	841.0	-124.9	850.3	0.00	0.00	0.00
5,000.0	12.85	351.55	4,905.3	863.0	-128.2	872.5	0.00	0.00	0.00
5,100.0	12.85	351.55	5,002.8	885.0	-131.5	894.7	0.00	0.00	0.00
5,200.0	12.85	351.55	5,100.3	907.0	-134.7	917.0	0.00	0.00	0.00



Payzone Directional

Planning Report



Database:EDM 2003.21 Single User DbCompany:NEWFIELD EXPLORATIONProject:USGS Myton SW (UT)Site:SECTION 30 T4S, R1E

 Well:
 1-30-4-1E

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 1-30-4-1E

1-30-4-1E @ 4951.0ft (RIG KB) 1-30-4-1E @ 4951.0ft (RIG KB)

Grid

Minimum Curvature

Measured Depth (ft)	Inclination	Azimuth	Vertical Depth (ft)	+N/-S	+E/-W	Vertical Section	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	(°) 12.85	(°) 351.55	ξ,197.8	(ft) 929.0	(ft) -138.0	(ft) 939.2	0.00	0.00	0.00
5,400.0	12.85	351.55	5,295.3	951.0	-141.3	961.5	0.00	0.00	0.00
5,500.0	12.85	351.55	5,392.8	973.0	-144.6	983.7	0.00	0.00	0.00
5,600.0	12.85	351.55	5,490.3	995.0	-147.8	1,006.0	0.00	0.00	0.00
5,700.0	12.85	351.55	5,587.8	1,017.0	-151.1	1,028.2	0.00	0.00	0.00
5,800.0	12.85	351.55	5,685.3	1,039.0	-154.4	1,050.5	0.00	0.00	0.00
5,900.0	12.85	351.55	5,782.8	1,061.0	-157.6	1,072.7	0.00	0.00	0.00
6,000.0	12.85	351.55	5,880.3	1,083.0	-160.9	1,094.9	0.00	0.00	0.00
6,100.0	12.85	351.55	5,977.8	1,105.1	-164.2	1,117.2	0.00	0.00	0.00
6,200.0	12.85	351.55	6,075.3	1,127.1	-167.4	1,139.4	0.00	0.00	0.00
6,300.0	12.85	351.55	6,172.8	1,149.1	-170.7	1,161.7	0.00	0.00	0.00
6,327.9	12.85	351.55	6,200.0	1,155.2	-171.6	1,167.9	0.00	0.00	0.00
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	12.85	ur	ned						



Project: USGS Myton SW (UT) Site: SECTION 30 T4S, R1E

Well: 1-30-4-1E Wellbore: Wellbore #1 Design: Design #1



Received: January 04, 2011

Magnetic Field Strength: 52382.7snT Dip Angle: 65.89°

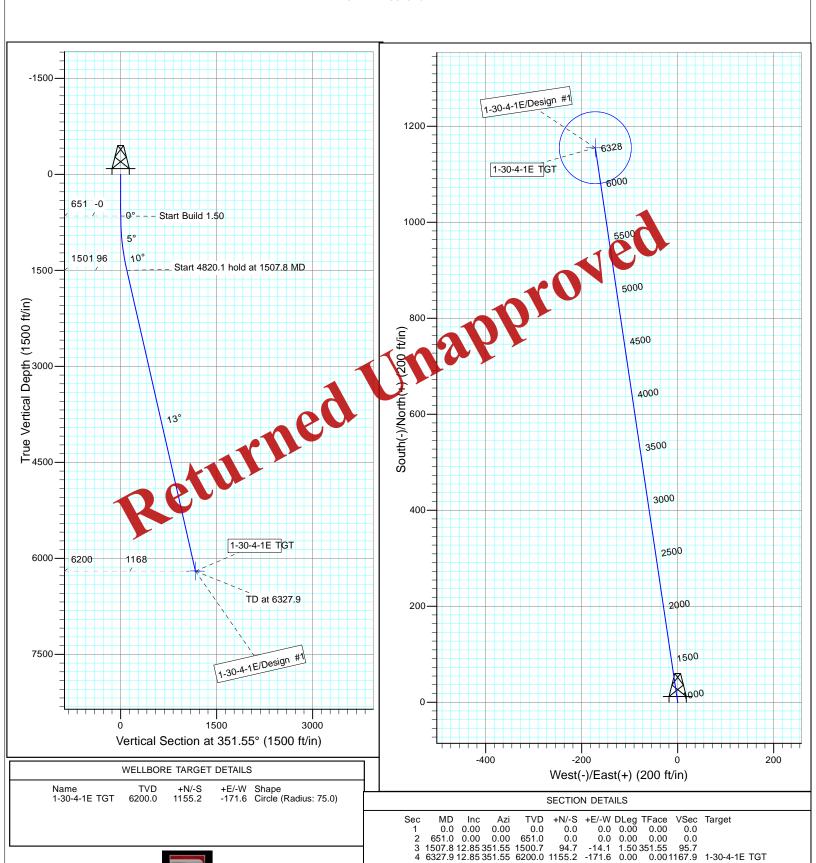
Azimuths to Grid North

Magnetic North: 10.32°

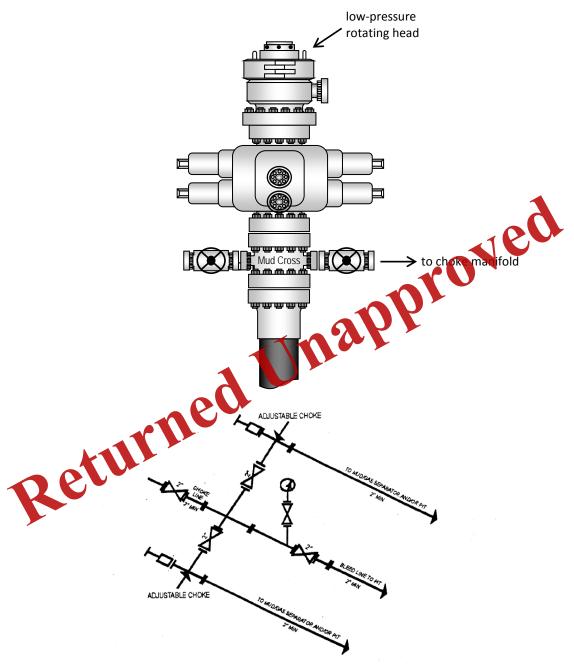
True North: -1.01°

Date: 12/2/2010 Model: IGRF2010

KOP @ 600' DOGLEG RATE 1.5 DEG/100 TARGET RADIUS IS 75'

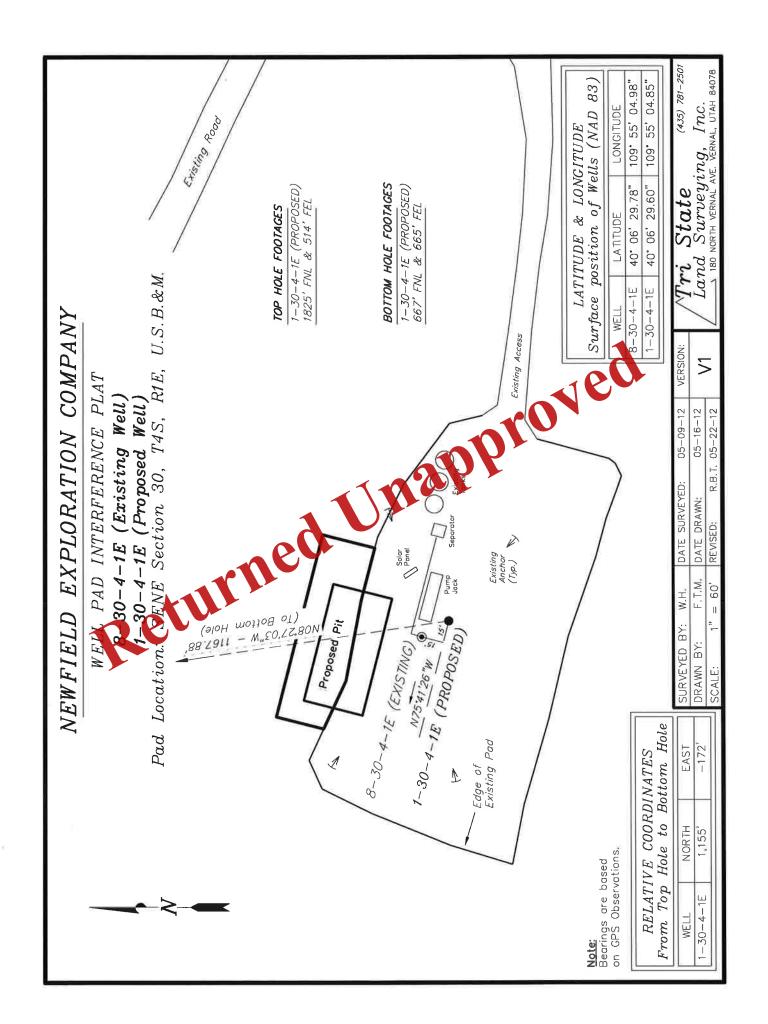


Typical 2M BOP stack configuration

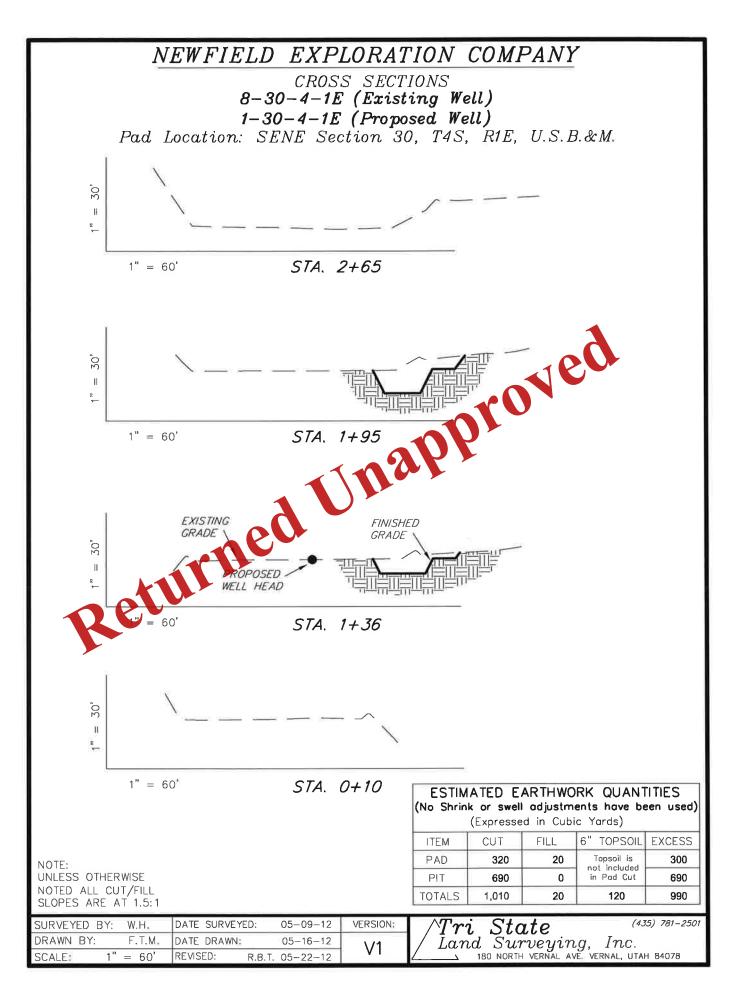


2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Received: May 25, 2012



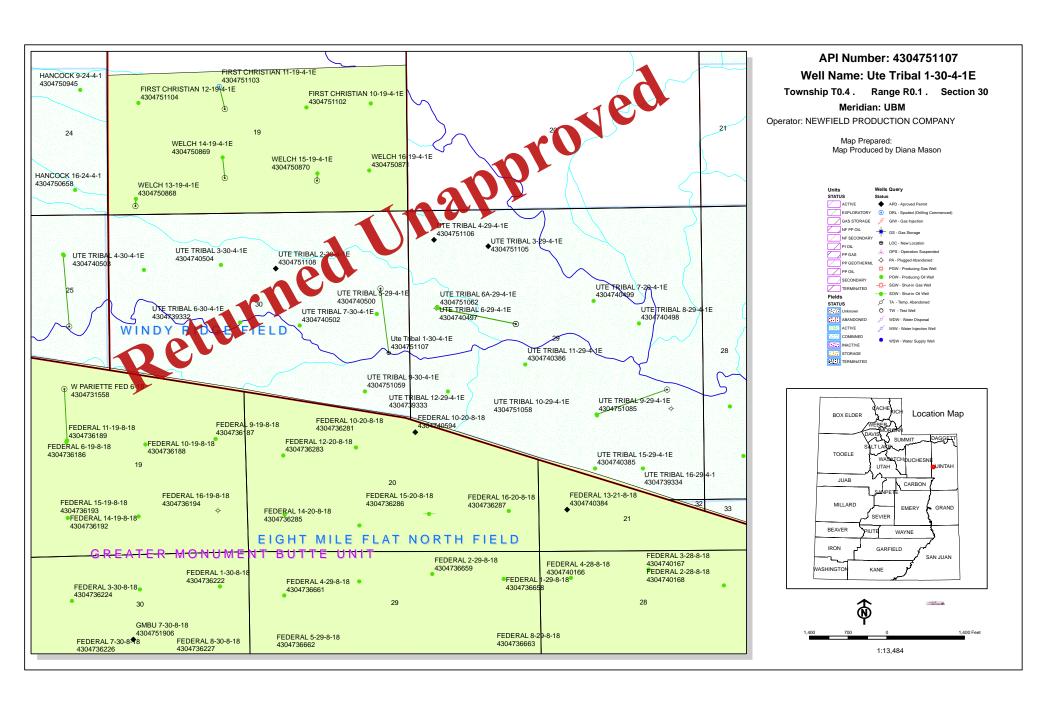
NEWFIELD EXPLORATION COMPANY LOCATION LAYOUT 8-30-4-1E (Existing Well) 1-30-4-1E (Proposed Well) Pad Location: SENE Section 30, T4S, R1E, U.S.B.&M. 4946 EXISTING DISTURBANCE BOUNDARY (DO NOT DISTURB OÙTSIDE) 4950 (3)STA. 2+65 Тор Cut Slope Existing Anchor 5 GRADE(5 (Typ.) 124 139 STA. 1+95 TOPSOIL STOCKPILE Approx. Dims. = 100'x20'x4'Approx. Area = 1,812 Sq. Ft. ±130 Cu. Yds. STA. 1+36 FLARE PIT GRADE Note: Flore pit is to be located a Minimum 136 of 100' from the Proposed Well Head. EXCESS MATERIAL Approx. Height Dim. = 10' STA. 0+10 Approx. Area = 4,694 Sq. Ft. STA. 0+00 ±1,090 Cu. Yds. 4940 (10) 4930 Access Note: Topsoil to be Stripped From All Existing. New Construction Areas and Proposed Stock Pile Locations NOTE: The topsoil & excess material areas are calculated as being mounds containing 1,220 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1. DATE SURVEYED: 05-09-12 $Tri~State~^{ ext{(435)}}$ 781-. $Land~Surveying,~Inc.~^{ ext{180}}$ NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501 SURVEYED BY: W.H. **VERSION:** DATE DRAWN: DRAWN BY: F.T.M. 05-16-12 V1 REVISED: SCALE: 1'' = 60'R_{*}B.T. 05-22-12

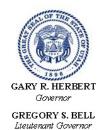


Received: May 25, 2012

NEWFIELD EXPLORATION COMPANY TYPICAL RIG LAYOUT 8-30-4-1E (Existing Well) 1-30-4-1E (Proposed Well) Pad Location: SENE Section 30, T4S, R1E, U.S.B.&M. STORAGE TANK roved YELLOW DOG 139' BOILER PUMP PUMP FLARE Note: Flare pit is to be PIPE RACKS located a Minimum of 100' from the Proposed Well Head. Access Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501 SURVEYED BY: W.H. DATE SURVEYED: 05-09-12 VERSION: DRAWN BY: F.T.M. DATE DRAWN: 05-16-12 V1 SCALE: 1" = 60'REVISED: R.B.T. 05-22-12

Received: May 25, 2012





State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 27, 2012

NEWFIELD PRODUCTION COMPANY Rt 3 Box 3630 Myton, UT 84052

Re: Application for Permit to Drill - UINTAH County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Ute Tribal 1-30-4-1E well, API 43047511070000 that was submitted June 16, 2010 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah





United States Department of the Interior

BUREAU OF LAND MANAGEMENT Green River District Vernal Field Office 170 South 500 East Vernal, UT 84078 http://www.blm.gov/ut/st/en/fo/vernal.html



SEP 16 2015

IN REPLY REFER TO: 3160 (UTG011)

Mandie Crozier Newfield Production Company Route #3 Box 3630 Myton, UT 84052 RECEIVED

SEP 21 20 3

DIV. OF OIL, GAS & MINING

Dear Ms. Crozier:

The following Applications for Permit to Drill (APD) are being returned unapproved per your request to this office in an email message to Land Law Examiner Robin R. Hansen received on September 9, 2015. If you intend to drill at any of these locations at a future date, a new APD must be submitted.

	Lease	Well	Aliquot	Sec., T., R.	Date Rec'd
4304751107	14-20-H62-6117	Ute Tribal 1-30-4-1E	NENE	Sec. 30-T4S-R1E	6/18/2010
4304740505	14-20-H62-6121	Ute Tribal 10-35-4-1E	NWSE	Sec. 35-T4S-R1E	1/28/2009
4304751112	14-20-H62-6194	Ute Tribal 6-24-4-1	SENW	Sec. 24-T4S-R1W	6/23/2010
4304739816	UTU-017992	Federal 3-5-9-19	Lot #3	Sec. 5-T9S-R19E	12/11/2007
4304739817	UTU-017992	Federal 4-5-9-19	Lot #3	Sec. 5-T9S-R19E	12/11/2007
4304739818	UTU-017992	Federal 5-5-9-19	SWNW	Sec. 5-T9S-R19E	12/11/2007
4304739861	UTU-017992	Federal 6-5-9-19	SENW	Sec. 5-T9S-R19E	12/11/2007
4304739865	UTU-017992	Federal 14A-5-9-19	SESW	Sec. 5-T9S-R19E	12/11/2007
4304739874	UTU-017992	Federal 2-6-9-19	NENW	Sec. 6-T9S-R19E	7/22/2008
4304739877	UTU-017992	Federal 10-6-9-19	NWSE	Sec. 6-T9S-R19E	12/17/2008
4304739878	UTU-017992	Federal 3A-7-9-19	NENW	Sec. 7-T9S-R19E	12/17/2007
4304739879	UTU-017992	Federal 6-7-9-19	SENW	Sec. 7-T9S-R19E	12/17/2007
4304739880	UTU-017992	Federal 9-7-9-19	NESE	Sec. 7-T9S-R19E	12/17/2007
4304750538	UTU-017992	Federal 10-7-9-19	NWSE	Sec. 7-T9S-R19E	7/9/2009
4304739881	UTU-017992	Federal 11-7-9-19	NESW	Sec. 7-T9S-R19E	12/17/2007
4304750993	UTU-017992	GMBU 12-7-9-19	NWSW	Sec. 7-T9S-R19E	3/11/2010
4304750970	UTU-017992	GMBU 13-7-9-19	SWSW	Sec. 7-T9S-R19E	3/1/2010
4304750537	UTU-022684A	Federal 2-7-9-19	NWNE	Sec. 7-T9S-R19E	7/9/2009
4304751032	UTU-4493	GMBU 4-8-9-19	NWNW	Sec. 8-T9S-R19E	3/24/2010
4304751033	UTU-4493	GMBU 7-8-9-19	SWNE	Sec. 8-T9S-R19E	3/24/2010
4304751907	UTU-30103	GMBU 13-31-8-19	SWSW	Sec. 31-T8S-R19E	8/25/2011
4304751909	UTU-30103	GMBU 14-31-8-19	SESW	Sec. 31-T8S-R19E	8/25/2011
4304740384	UTU-36442	Federal 13-21-8-18	Lot #4	Sec. 21-T8S-R18E	10/2/2008
4304740383	UTU-36442	Federal 1-28-8-18	Lot #1	Sec. 28-T8S-R18E	10/2/2008
4304736711	UTU-36442	Federal 9-28-8-18	NESE	Sec. 28-T8S-R18E	5/13/2005
4304739862	UTU-50385	Federal 7-5-9-19	SWNE	Sec. 5-T9S-R19E	1/15/2008
4304739863	UTU-50385	Federal 9-5-9-19	NESE	Sec. 5-T9S-R19E	12/11/2007

4304739864	
4304739866	
4304739875	
4304739876	

UTU-50385	Federal 10-5-9-19	NWSE	Sec. 5-T9S-R19E	12/11/2007
UTU-50385	Federal 16-5-9-19	NESE	Sec. 5-T9S-R19E	12/11/2007
UTU-50385	Federal 3-6-9-19	NENW	Sec. 6-T9S-R19E	12/17/2007
UTU-50385	Federal 6-6-9-19	SENW	Sec. 6-T9S-R19E	12/17/2007

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Mineral Resources

Enclosures

cc: I

UDOGM

bcc:

Well File

BIA